

10/577685

AP20 Rec'd PCT/PTO 28 APR 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Atsushi YAMAMOTO et al. : **Mail Stop: PCT**
Serial No. NEW : Attorney Docket No. 2006_0641A
Filed April 28, 2006 :
ANTENNA DEVICE :
[Corresponding to PCT/JP2004/016000
Filed October 28, 2004]

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEES FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☒ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application PCT/_____; and/or
- ☐ each reference previously cited in prior parent application Serial No. _____.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

ATTACHMENT D

1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

2. It is hereby certified

a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or

b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.

4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:

a. ☐ a full or partial English language translation submitted herewith,

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- b. ☒ an International Search Report (in the English language) submitted herewith,
- c. ☐ the concise explanation contained in the specification of the present application at page,
- d. ☒ the concise explanation set forth in the attached English language abstract,
- e. ☒ the concise explanation set forth below or on a separate sheet attached to the reference:


WO 01/18910 corresponds to JP 2003-509884
JP 2002-190708 corresponds to US 6,538,618
JP 2001-352260 corresponds to US 6,868,260
JP 11-27038 corresponds to US 6,127,987

5. ☒ an International Search Report citing one or more of the references is enclosed.

Respectfully submitted,

Atsushi YAMAMOTO et al.

By


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April 28, 2006

INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: April 28, 2006

ATTY DOCKET NO.
2006_0641ASERIAL NO.
NEW

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APPLICANT
Atsushi YAMAMOTO et al.FILING DATE
April 28, 2006

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,538,618	3-25-03	Yamamoto et al.			
	AB	6,868,260	3-15-05	Jagielski et al.			
	AC	6,127,987	10-3-00	Maruyama et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AD	9-135115	5-20-97	Japan			abstract	
	AE	63-82002	4-12-88	Japan			abstract	
	AF	2001-284942	10-12-01	Japan			abstract	
	AG	57-103406	6-28-82	Japan			abstract	
	AH	8-97632	4-12-96	Japan			abstract	
	AI	2003-509884	3-11-03	Japan			corresponds to AJ	
	AJ	01/18910	3-15-01	WO			abstract	
	AK	2002-190708	7-5-02	Japan			abstract	
	AL	3-230603	10-14-91	Japan			abstract	
	AM	2001-352260	12-21-01	Japan			abstract	
	AN	9-260938	10-3-97	Japan			abstract	
	AO	2001-160710	6-12-01	Japan			abstract	
	AP	2001-298388	10-26-01	Japan			abstract	
	AQ	11-27038	1-29-99	Japan			abstract	
	AR	8-265030	10-11-96	Japan			abstract	
	AS	2001-352214	12-21-01	Japan			abstract	

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AT	
	AU	
	AV	

EXAMINER

DATE CONSIDERED